WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

March 27, 2008

TO:		Internal File	-				
THRU:		Daron R. Haddock, Permit Supervisor					
FROM:		James D. Smith, Environmental Scientist	Constitution of the Consti	-			
RE:		2007 Fourth Quarter Water Monitoring, PacifiCorp, Deer Creek Mine. C/015/0018, Recurring Task ID #2711					
The Deer Creek Mine monitoring plan is described in Appendix A of Volume 9 MRP.							
1.	Were	data submitted for all of the MRP required sites?					
	Spring	gs -	YES 🖂	NO 🗌			
	The valve on NEWUA Meter 2 was not functioning during the fourth quarter 2007, so no samples were collected						
	Stream	ns	YES 🖂	NO 🗌			
	Wells		YES 🖂	NO 🗌			
	UPDE	S	YES 🖂	NO 🗌			
	In-mir	ne	YES 🛚	NO 🗌			
2.	2. Were all required parameters reported for each site?						
	Spring	gs -	YES 🖂	NO 🗌			
	Stream	ns	YES 🖂	NO 🗌			
	Wells		YES 🛚	NO 🗌			

Page 2
C/015/0018
WO07-4
March 27, 2008

			1,				
	UPDES	YES 🖂	NO 🗌				
	In-mine	YES 🛚	NO 🗌				
3.	Were any irregularities found in the data?						
	Listed parameters were outside two standar is not a parameter specifically required by the MRF		sk (*) indicates thi				
	Springs	YES 🖂	NO 🗌				
	Ted's Tub October: field specific conductive Little Bear October: Ca, Mg, and total hard 79-2 October: field specific conductivity; 79-10 October: field specific conductivity a 79-15 October: field specific conductivity; 79-28 October: field pH, field specific conductivity 80-47 October: field specific conductivity 82-52 October: field specific conductivity 89-61 October: field specific conductivity 89-67 October: field specific conductivity 91-72 (not a required site?) October: field specific conductivity 91-72 (not a required site?) October: field specific conductivity 91-73 October: total alkalinity*; MF-7 October: Mg and cation-anion balance MF 213 October: Mg;	79-10 October: field specific conductivity and bicarbonate as CaCO3; 79-15 October: field specific conductivity; 79-28 October: field pH, field specific conductivity, and Na; 79-35 October: field specific conductivity 80-47 October: field specific conductivity 82-52 October: field specific conductivity 89-61 October: field specific conductivity 89-67 October: field specific conductivity 91-72 (not a required site?) October: field specific conductivity and bicarbonate as CaCO3; JV-9 October: total alkalinity*; MF-7 October: Mg and cation-anion balance; MF 213 October: Mg;					
	Streams	YES 🛚	NO 🗌				
	DCR04 October and December: flow; DCR06 October and December: flow; HCC01 December: field specific conductivity HCC02 December: lab specific conductivity RCF3 December: field specific conductivity specific conductivity*, TDS, total c RCW4 December: field specific conductivity	y*; y, Ca, acidity*, SO4, to cations*, and total anion	tal hardness, lab				

Page 3 C/015/00 WQ07-4 March 27	•						
		specific cor	nductivity*, TDS	S, total cations*, a	and total anions	3* .	
•	Wells				YES 🖂	NO 🗌	
	DO	CWR1 <u>December</u>	: field pH and a	cidity*.			
τ	UPDES				YES 🖂	NO 🗌	
UT0023604-001 November 1: field pH. Additional samples we discharge point on November 20 and 24 because the November 20 and						ovember 1 sample a 7-day of the initial UPDES 30-day	
I	In-mine				YES 🖂	NO 🗌	
	Ma	ain North-Main I	East <u>December</u> : 1	Mg, SO4, total ha	rdness, total ca	ations*.	
4.	On what o	date does the M	RP require a fiv	ve-year resampli	ng of baseline	water data.	
	oaseline ar		e in 2006 and sh	n 2001 and are to rould be done aga			
5. E	Based on your review, what further actions, if any, do you recommend?						
				ments were highe ds and instrument		several sites. The ources for this	
		Mine Operator in g requirements		more informatio	n to fulfill this	s quarter's NO ⊠	
7. F	Follow-up	from last quar	ter, if necessary	'.			

None.

8. Did the Mine Operator submit all the missing and/or irregular data (datum)?

Yes.

 $O: \verb|\| 015018.DER \verb|\| Water Quality \verb|\| JDS.WQ_07-4.doc$